



DONARD

A smooth finish through coloured flat roof tile.



TECHNICAL DATA

Description	T-EN490-IL-0-RF-300-/-399-5.2
Size of Tile	420mm x 334mm
Pallet Size	1020 x 1065mm
Pallet Weight	998kg (approximately)
Tiles per Pallet	192 tiles
Minimum Pitch	17.5° (100mm headlap)* 22.5° (75mm headlap)
Maximum Pitch	54° (without special fixing) see fixing information, page 23
Minimum Headlap	75mm
Maximum Gauge	344mm
Positioning of First Batten (From outside of fascia to top of batten)	350mm
Hanging Length	399mm
Nominal Cover Width	301mm
Tile Weight	5.2kg
Nail Hole Diameter	5-8mm
Nail Hole Position	40mm from top of tile
Covering Capacity per m ²	9.7 tiles @ 75mm headlap, 10.4 tiles @ 100m headlap
Weight of Tiling (approx.)	50.5kg/m ² @ 75mm headlap
Battens Required (net)	2.95Lm @ 75mm headlap, 3.1Lm @ 100m headlap
Batten Size	50mm x 25mm for rafters not exceeding 600mm centres
Tile Nails	50mm x 3.35mm
Tile Clips	Tile, Verge and Eave
Eave	Standard Tile
Verge Bedded	Purpose made Left and Right Hand Half Tiles, and Left Hand Full tiles, bedded over a soffit strip
Verge Dry Fix	Northstone Dry Verge System
Ridge Bedded	Universal Angle Ridge 0.455mm long
Ridge Dry Fix	Northstone Dry Ridge System
Hip Bedded	Hip Angle Ridge 0.455m long
Hip Dry Fix	Northstone Dry Hip System

Minimum Fixing Guide: All tiles should be fitted to BS5534 : 2014 where a minimum requirement specifies a minimum of all tiles nailed once. Depending on site exposure, location, height to ridge, height to eave rafter length roof pitch and proximity of roof to higher artificial features and aviation activity more onerous fixings may be required. Contact our technical team for advice or a wind loading fixing pattern. *For roof pitches between 17.5°-22.5° speak to Northstone Technical Department.

Colours available



Black



Brown



Granite Grey



Antique Red



Brick Red